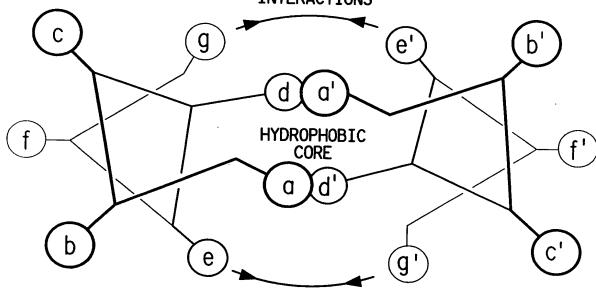


FIG.2A

#### POTENTIAL ELECTROSTATIC INTERACTIONS



#### POTENTIAL ELECTROSTATIC INTERACTIONS

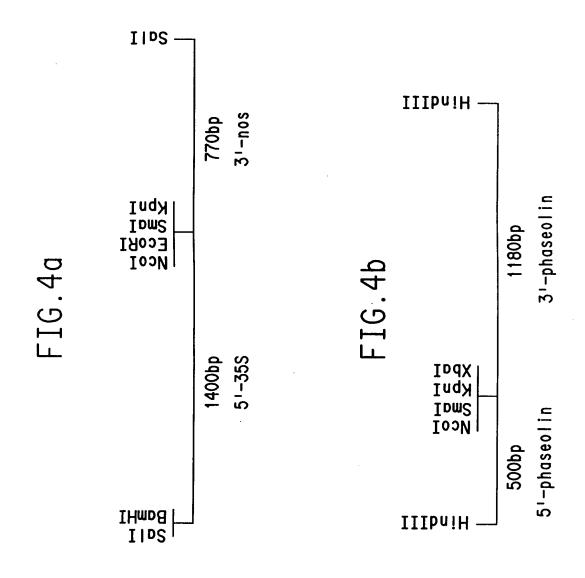
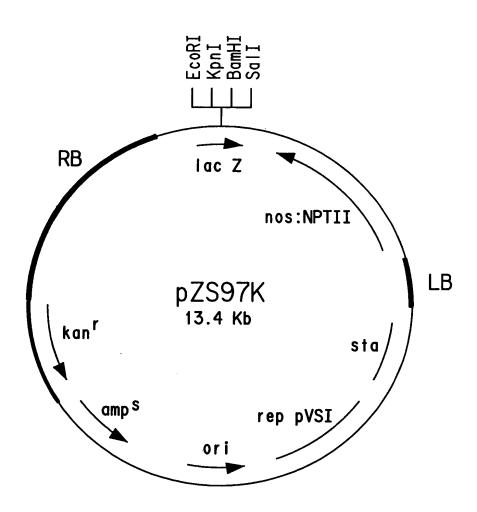


FIG.5



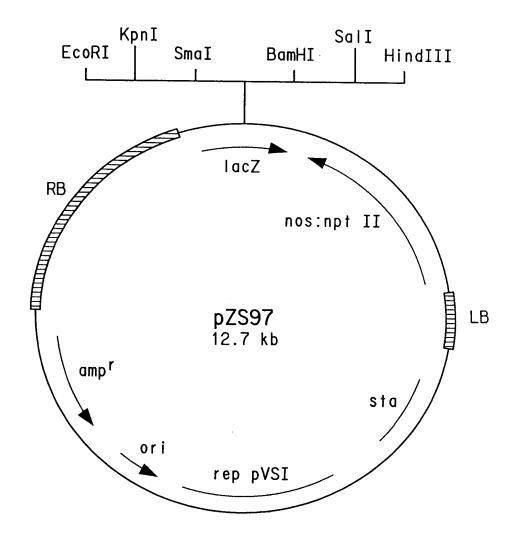


FIG.6

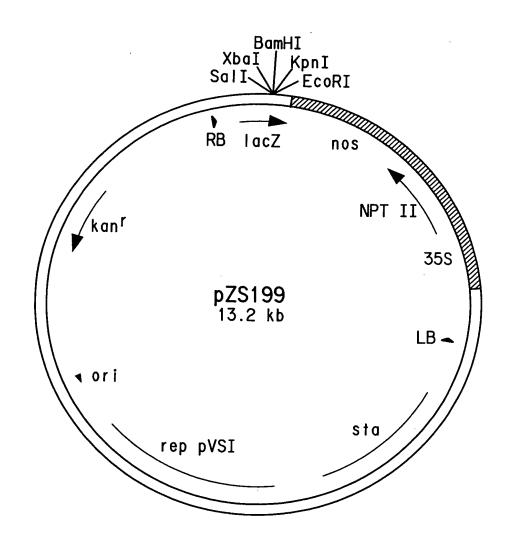


FIG.7A

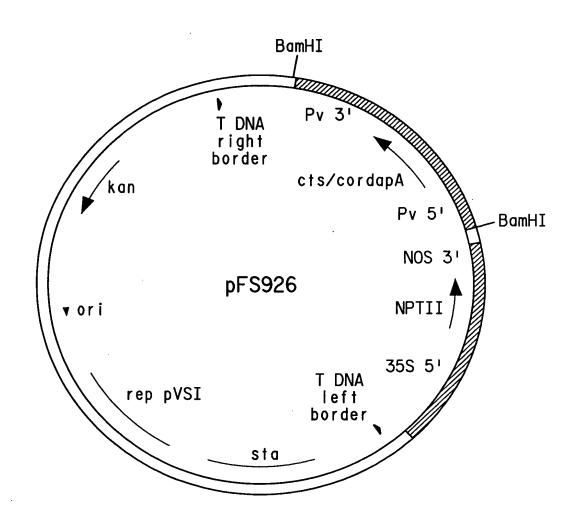


FIG.7B

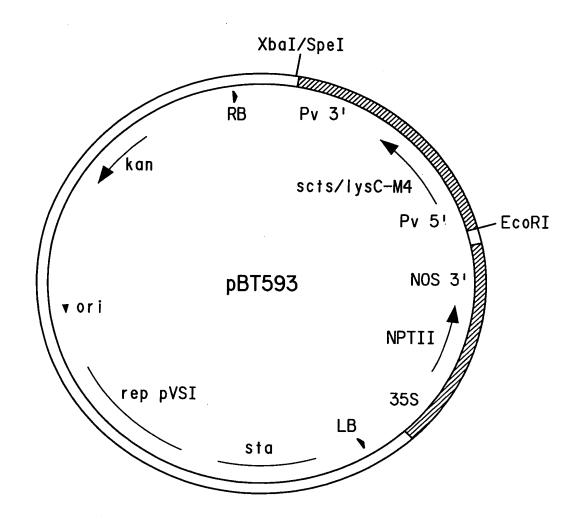


FIG.7C

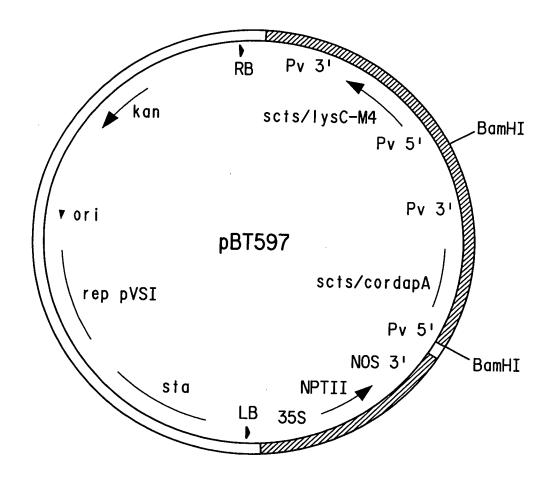


FIG.7D

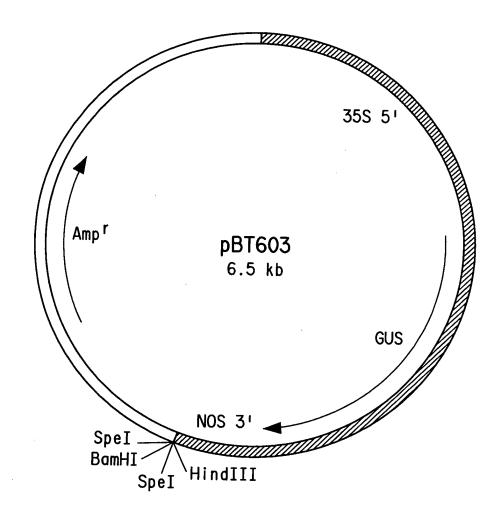


FIG.8A

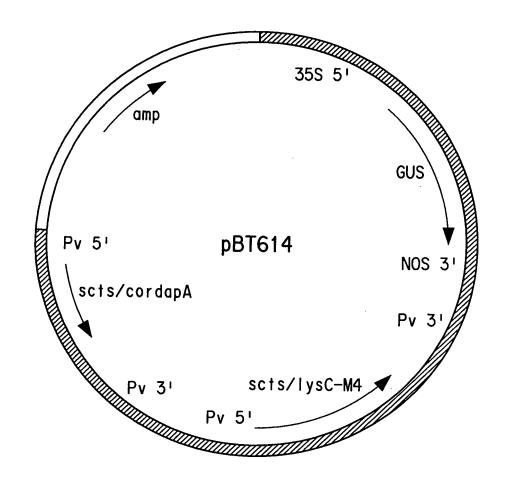
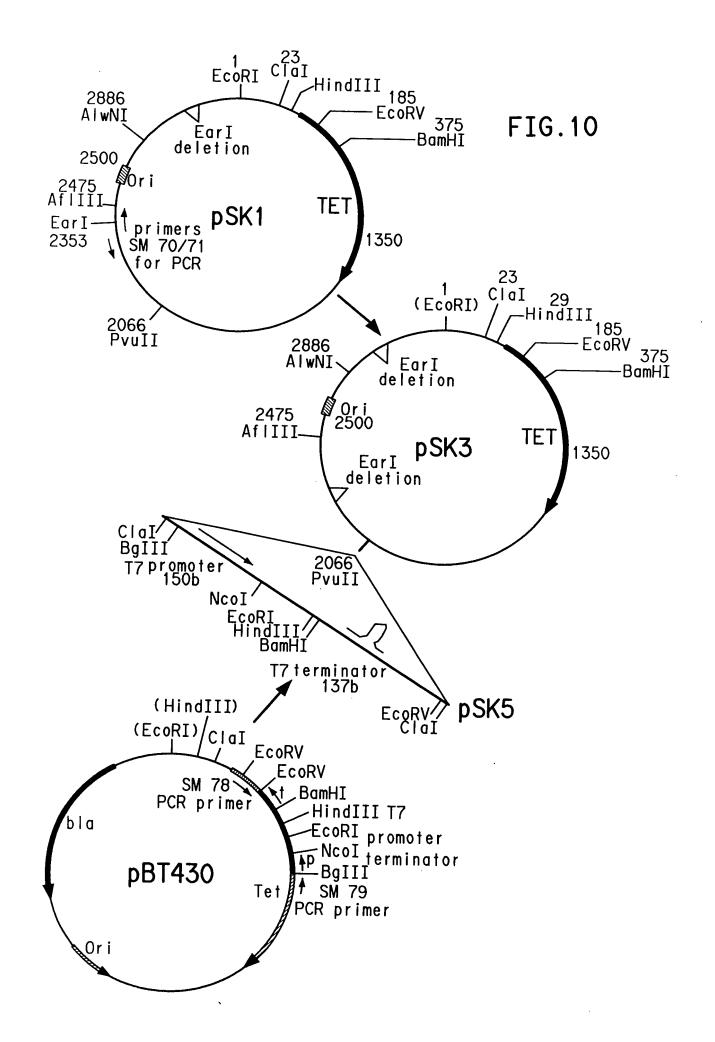


FIG.8B

## FIG.9

68	30	118			Ċ	20	420
/RTISSQQWYKTYFGADSEE	MCKNVLLLGSGFVAQPVIDTLAANDDINVT 30	69 VASLYLKDAKETVEGISDVEAVRLDVSDSESLLKYVSQVDVVLSLLPASC 118     : : :     : :       :     :     :       :       :       :         :         :         :           :           :           :         :         :         :         :	119 HA 120  :	80 HP 81		1 KHTATLLEFGDIKNGQTTTAMAKTVG1PAAIGALLLIEDKIKTKGVLKPL 50	374 TRISTLVDYGKVGGYSSMAATVGYPVAIATKFVLDGTIKGPGLLAPY 420
19	-	69	119	80	•		374
	SDH						SDH
SEQ ID NO:104	S. cerevisiae SD					SEQ ID NO:105	S. cerevisiae SD

51 EAEVYLPALDIL.QAYGIKLMEKAE 74 .: |: |: |: || |.||. 421 SPEINDPIMKELKDKYGIYLKEKTVA 446



### FIG.11

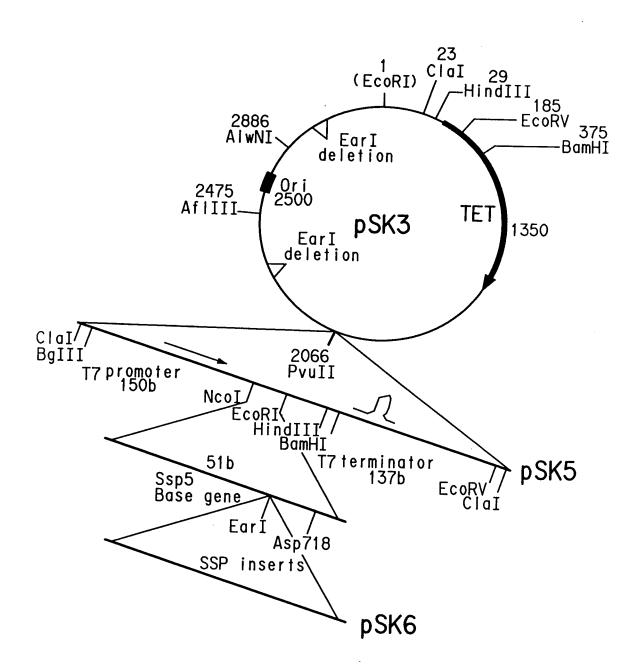
ASP718ECORI CT CCTCTTCTACT TCCGCTA CCTTCTC TTCGACTTCCGCACTATCCATGGCTTAA CATGBAGGAGAAGATGAAGGC GATGGAAGAGAGAAGATGAAGGCGTGATAGGTACGC E K M K A M'E E K M K A EARI NCOI

LIGATE OLIGOS

GATGGAGGAGATGAAGGC CCTCCTCTTCTACTTCCGCTA M E E K M K A LIGATE TO EARI CUT VECTOR

ASP718ECORI CT CCTCTTCTACT TCCGCTA CCTCCTCTTCTACTTCCGCTA CCTTCTC TTCGACTTCCGCACTATCCATGGCTTAA CATGSAGGAGAGAGGAGGAGGGGGGAGAGGATGAAGGC GATG<u>GAAGAGA</u>AGATGAAGGCG<u>TGA</u>TA<u>EGTACC</u>G M F F F F EARI M F F X M X A E X M X A NCOI

FIG. 12



## FIG. 13

BASE GENE BSPHI STOP ASP718 ECORI CTCCTCTTCTACTITICTA GCTTCTCTTCTACTTCCAGTACTTCACTATCCATGGCTTAA

E E K M K K L E E K M K V M K CATGAGGAGAGATGAAAAA GCTCGAAGAGAAGATGAAGGTCATGAAGTGATAGGTACCG EARI E K M K ≥

# OLIGONUCLEOTIDE INSERTS

CCTTCTTTCTACTTCCGATACCTCCTGTTCTACTTTACCGAACTCCTTTTCTACTTCTTCGA GCTGGAAGAAAAAGATGAAGGCTATGGAGGAGAAGATGAAATGGCTTGAGGAAAAGATGAAGAA L EE KMKAMEEKMKW L EEKMKK OLIGOS LIGATED INTO EARI CUT BASE GENE

NCOT

CTCCTCTTCTACTTTTTCTA CCTTCTTTTCTACTTCCGATACCTCCTGTTCTACTTTACCGAACTCCTTTTCTACTTCTTCGA <u>CATGG</u>AGGAGAAGATGAAAAA GCTGGAAGAAAAGATGAAGGCTATGGAGGAGAGATGAAATGGCTTGAGGAAAAGATGAAGAGCT

M E E K M K K I E E K M K A M E E K M K W I E E K

EARI BSPHI ASP718 ECORI

GCTTCTCTTCTACTTCCAGTACTTCACTATCCATGGCTTAA CLONE pSK34 dGAAGAGAAGATGAAGGTCATGAAGTGATAGGTACCG

FIG.14a

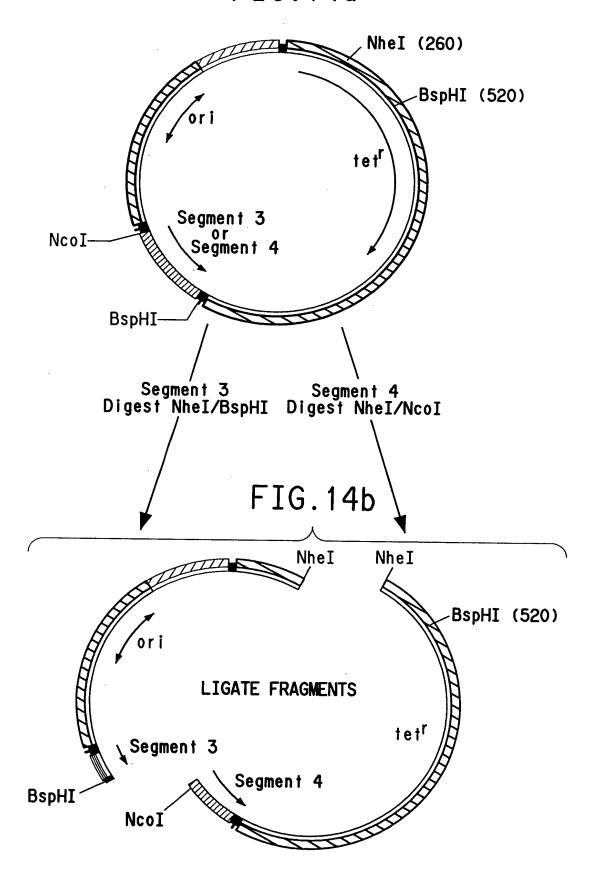
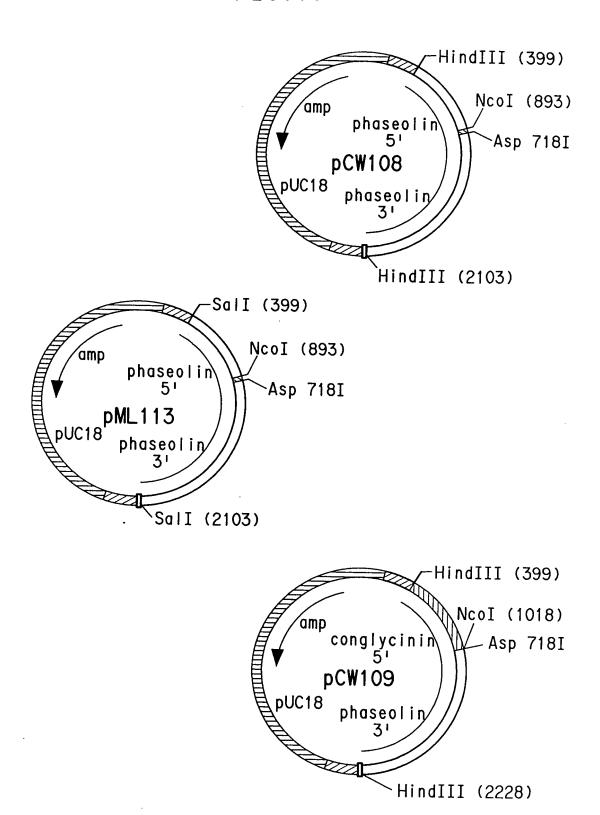


FIG.15



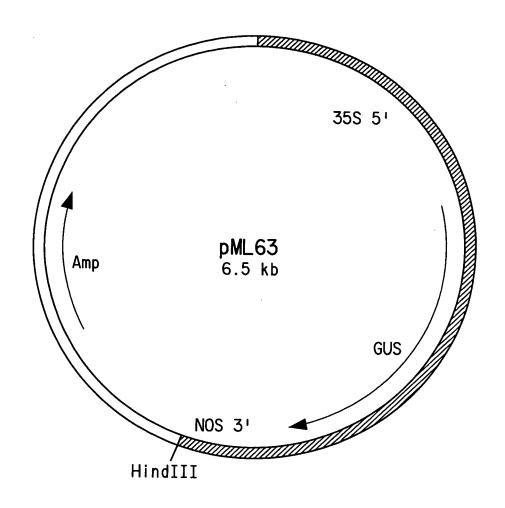


FIG.16

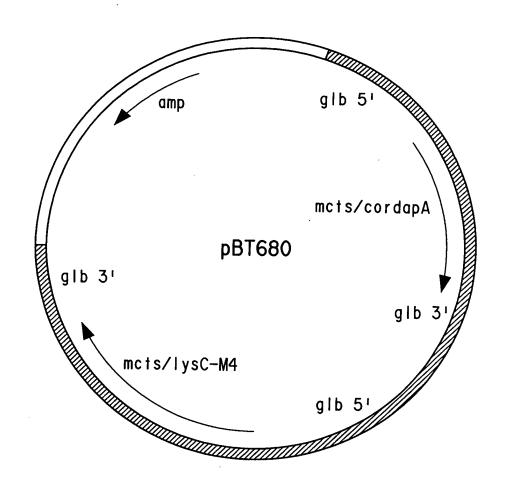


FIG.17

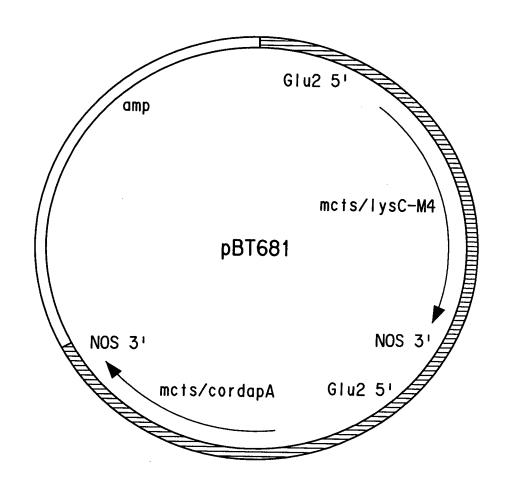


FIG. 18

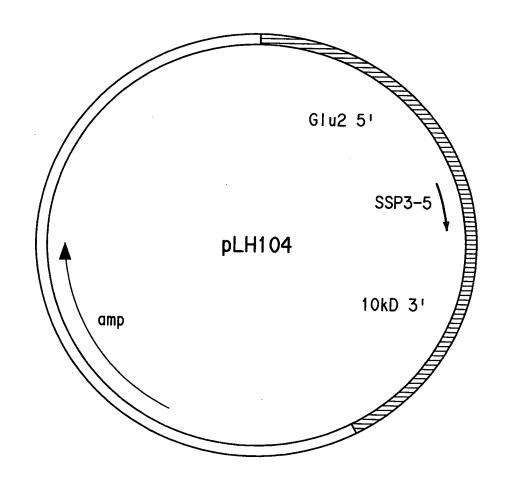


FIG.19

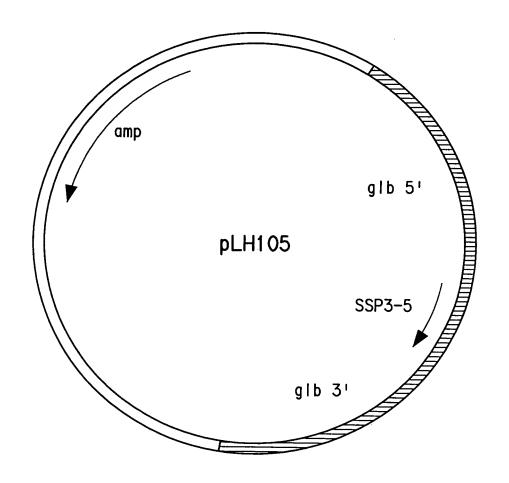


FIG.20

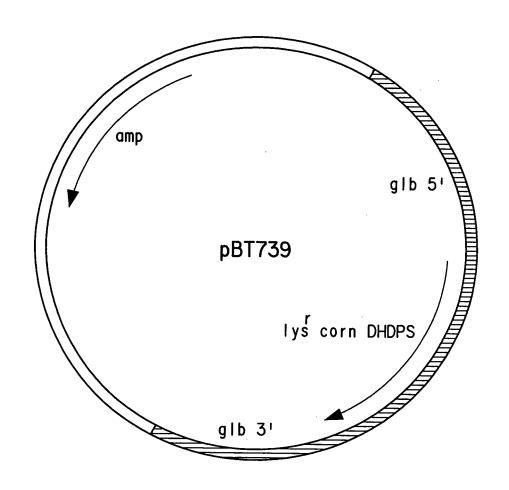


FIG.21

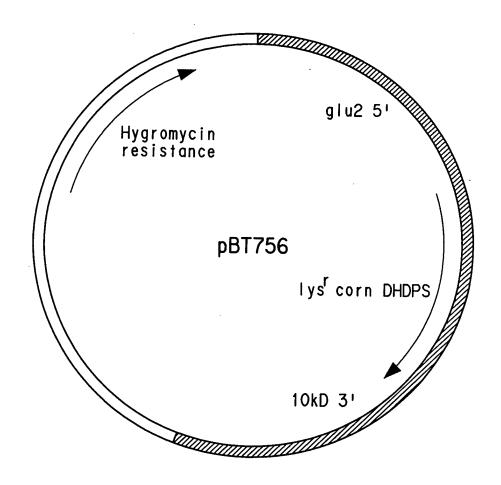


FIG.22